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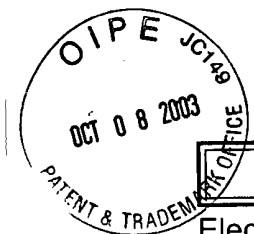
Electronic Patent Application Submission

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EFS ID: 49050
Application ID: 10624360 
Title of Invention: A BATTERY-POWERED SEWER
AND DRAIN CLEANER
First Named Inventor: DAVID MANNING
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-07-22
Effective Receipt Date: 2003-10-09
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 7676
Attorney Docket Number: NONE

Total Fees Authorized:

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TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	A BATTERY-POWERED SEWER AND DRAIN CLEANER
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Application Number: 10/624360 

Date: 2003-07-22

First Named Applicant: DAVID W. MANNING

Confirmation Number: 7676

Attorney Docket Number:

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Submitted by:	Elec. Sign.	Sign. Capacity
DENNIS L. THOMTE Registered Number: 22,497	Dennis L. Thomte	Attorney

Documents being submitted	Files
us-ids	manning360-usidst.xml
	us-ids.dtd
	us-ids.xsl

Comments



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	A BATTERY-POWERED SEWER AND DRAIN CLEANER						
Application Number:	10/624360 						
Confirmation Number:	7676						
First Named Applicant:	DAVID MANNING						
Attorney Docket Number:							
Search string:	(5226207 or 5107550 or 4793017 or 4763374 or 2730740 or 2297755 or D312900 or D271436).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5226207	1993-07-13	ELZAURDIA		15	104.31
	2	5107550	1992-04-28	HAWRO		4	255
	3	4793017	1988-12-27	KAYE		15	104.33
	4	4763374	1988-08-16	KAYE		15	104.33
	5	2730740	1956-01-17	O'BRIEN		15	104.3
	6	2297755	1942-10-06	FAUST		15	104.30
	7	D312900	1990-12-11	RUSSELL ET AL.		D32	14
	8	D271436	1983-11-15	BABB ET AL.		D32	14
Signature							
Examiner Name					Date		